

Message

From: Detlef Knappe [knappe@ncsu.edu]
Sent: 9/18/2018 11:50:00 PM
To: Jane Hoppin [jahoppin@ncsu.edu]
CC: Antonio Planchart [ajplanch@ncsu.edu]; David Buchwalter [dbbuchwa@ncsu.edu]; David Muddiman [dcmuddim@ncsu.edu]; DeWitt, Jamie [DEWITTJ@ecu.edu]; Jeffrey Enders [jrenders@ncsu.edu]; Katlyn May [kmay2@ncsu.edu]; Nicole Wilkinson [nicole_wilkinson@ncsu.edu]; Ranji Ranjithan [ranji@ncsu.edu]; Reenah Schaffer [reenah@ncsu.edu]; Rob Smart [rcsmart@ncsu.edu]; Robyn Buchanan [rlbuchan@ncsu.edu]; Scott Belcher [smbelch2@ncsu.edu]; Seth Kullman [seth_kullman@ncsu.edu]; Susan White [snwhite3@ncsu.edu]; Carolyn Mattingly [cjmatting@ncsu.edu]; Adrien Wilkie [aawilkie@ncsu.edu]; Collier, David [collierd@ecu.edu]; Lea, Suzanne [LEAC@ecu.edu]; Lindstrom, Andrew [Lindstrom.Andrew@epa.gov]; Nadine Kotlarz [nkotlar@ncsu.edu]; Strynar, Mark [Strynar.Mark@epa.gov]
Subject: Re: Call from NIEHS about hurricane response

Sounds good

On Tue, Sep 18, 2018 at 7:33 PM Jane Hoppin <jahoppin@ncsu.edu> wrote:

Sounds good. I was thinking of another time sensitive grant where we did more followup of the cohort.

- 1) Collect more blood and urine (2x)
- 2) Analyze previous blood and urine and new blood and urine for environmental contaminants (metals, phthalates, whatever) to compare pre and post levels (and PFAS as well)...or maybe some un/non-targeted analyses.
- 3) Assess stress using Qx and maybe also some pre- post testing for cortisol and other things.
- 4) Measure BMI and Blood pressure

I'm thinking we could write a time sensitive R21 and submit October 1 and the work that you are proposing Detlef would complement.

What do you think?

On Tue, Sep 18, 2018 at 7:25 PM, Detlef Knappe <knappe@ncsu.edu> wrote:

Hi Jane et al.,

We could build a proposal around impacts of an extreme event on PFAS exposure through drinking water. I talked with Jim Flechtner from CFPUA today via email. CFPUA is collecting daily samples for PFAS analysis at least through the end of this week. I will talk with him again next week about analysis plans. My group is also collecting water samples in the vicinity of the Chemours plant, in collaboration with Mike Watters, who is sampling today and tomorrow. On Thursday, my student Zack will go into the field, road conditions permitting. We will collect surface water samples and also look at a time series of PFAS concentrations in two wells to see whether PFAS levels are changing as a result of the precipitation. Most likely, PFAS concentrations in surface water will be low because of very large dilution. But everyone wants to know...

NSF rapid grants are \$50,000 and incur full overhead. So it's going to be a small pot of money. But RAPID grants are very visible.

Best,
Detlef

On Tue, Sep 18, 2018 at 2:21 PM Jane Hoppin <jahoppin@ncsu.edu> wrote:

Hi SRP and GenX folks,

I just got a call from Aubrey Miller at NIEHS encouraging me to submit a time sensitive grant to look at the hurricane effects on our cohort in Wilmington. Sounds like NIEHS is working on their response here in the state. Right now, I'm not going to go anything with our study participants until the water comes down, but after that we could consider how to move forward, thinking about both environmental exposures and health outcomes.

He also suggested going for some NSF rapid grants to do exposure assessment and was going to connect me with those program officers. The nice thing about rapid grants is that they are 24 hour turnaround, as opposed to NIH which are 3 month turnaround.

I know CHHE has been contacted by NIEHS about what to do, but I also wanted you guys to be thinking about what we could do.

Cheers,

Jane

Jane Hoppin, ScD
Deputy Director, Center for Human Health and the Environment
Associate Professor, Department of Biological Sciences
CB 7633
North Carolina State University
Raleigh, NC 27695

919-515-2918 (office)
jahoppin@ncsu.edu
<http://jahoppin.wordpress.ncsu.edu/>

--

Jane Hoppin, ScD
Deputy Director, Center for Human Health and the Environment
Associate Professor, Department of Biological Sciences
CB 7633
North Carolina State University
Raleigh, NC 27695

919-515-2918 (office)
jahoppin@ncsu.edu

<http://jahoppin.wordpress.ncsu.edu/>